Model	PIXMA MG5450
GENERAL SPECIFICATIONS	
Main Functions	Print, Copy, Scan
Other Functions	Photolab-quality photos Double sided documents Printing on disc surface Smartphone and tablet printing AirPrint support Printing via Internet
What's in the box	All-In-One printer, 5 Ink tanks, Power cord, CD-Printing Tray, Setup guide, Software and User's manual CD
PRINTER SPECIFICATIONS	
Print Resolution	Up to 9600 [1] x 2400 dpi
Print Engine	Inkjet FINE print head technology 5-colour system with min. 1pl ink droplet size 5 Individual Ink Tanks with ChromaLife100+
Mono Document Print Speed	ESAT: Approx. 15.0 ipm [2]
Colour Document Print Speed	ESAT: Approx. 10.0 ipm [2]
Photo Print Speed	Borderless 10x15cm : Approx. 21 seconds [3]
Borderless Printing	Yes (A4, Letter, 20x25cm, 13x18cm, 10x15cm)
Two Sided Printing	Auto Duplex Print (A4, A5, B5, Letter)
Direct Disc Printing	Yes (software included)
Other Print Features	Fit-to-Page print, Scaled print, Multiple page per sheet print, Booklet print, Poster print, Collate [4]
INK AND PAGE YIELD	
Standard Ink Cartridges	5 individual ink tanks PGI-550PGBK (Pigment Black) CLI-551BK (Black) CLI-551C (Cyan) CLI-551M (Magenta) CLI-551Y (Yellow)
Optional Ink Cartridges	High yield XL ink tanks PGI-550PGBK XL (Pigment Black) CLI-551BK XL (Black) CLI-551C XL (Cyan) CLI-551M XL (Magenta) CLI-551Y XL (Yellow)
Ink Tank Life - Document Printing	A4 Colour Document [5] Pigment Black: 300 pages Pigment Black XL: 500 pages Black: 1795* pages Black XL: 5530* pages Cyan: 332 pages Cyan XL: 695 pages Magenta: 319 pages Magenta XL: 680 pages Yellow: 344 pages Yellow XL: 695 pages * Estimated supplemental yield
Ink Tank Life - Photo Printing	10x15cm photo [6] Pigment Black: 2425* photos Pigment Black XL: 5615* photos Black: 376* photos Black XL: 1130* photos Cyan: 121 photos Cyan XL: 267 photos Magenta: 132 photos Magenta XL: 313 photos Yellow: 130 photos Yellow XL: 274 photos * Estimated supplemental yield
PAPER SUPPORT	
Paper Types	Plain Paper, Envelopes, Photo Paper Pro Platinum (PT-101), Photo Paper Plus Glossy II (PP-201), Photo Paper Pro Luster (LU-101), Photo Paper Plus Semi-gloss (SG-201), Glossy Photo Paper "Everyday Use" (GP-501), Matte Photo Paper (MP-101), High Resolution Paper (HR-101N), T-shirt Transfer (TR-301), Photo Stickers (PS-101)
Maximum Paper Input	Lower cassette: Max. 125 sheets (plain paper) Upper cassette: Max. 20 sheets (photo paper) Direct Disc Print Tray: 1 printable CD, DVD or Blu-Ray Disc
Paper Sizes	Lower cassette: A4, A5, B5, Letter, Legal, Envelopes (DL size or Commercial 10), 20x25cm Upper cassette: 10x15cm, 13x18cm
Paper Weight	Lower cassette: Plain paper: 64 - 105 g/m², Photo paper up to approx. 300 g/m² (Canon special media) Upper cassette: Photo paper up to approx. 300 g/m² (Canon special media)
SCANNER SPECIFICATIONS	
Scanner Type	Flatbed, CIS colour scanner
Film Scanning	n/a
Scanner Resolution - Optical	Up to 2400 x 4800 dpi [7]
A4 Scan Speed	Approx. 14 seconds [8]
Colour Scanning Depth	Flatbed scan 48bit input / 24bit output (RGB each 16bit/8bit)
Halftone/Greyscale	Flatbed scan 16bit input / 8bit output
Compatibility	TWAIN / WIA
Effective Scanning Width	A4/LTR (216x297mm)
Text Recognition - OCR	Yes (My Image Garden software)
Scan Methods & Enhancements	Scan to PC, Document Scan (PDF, Compact PDF, JPEG, TIFF, PNG), Photo Scan (JPEG, TIFF, PNG), Auto Scan Mode, PDF file creation with optional password security, Text recognition (OCR), Scan and Stitch, Scan to Cloud, Scan to e-mail, Scan to memory card
COPIER SPECIFICATIONS	
Copy Speed Colour Document	sFCOT: Approx. 14 seconds [9] sESAT: Approx. 7.7 ipm [9]
Multiple Copy	1-99 copies
Zoom	25 - 400% (in 1% increments) Fit to page A5 to A4, B5 to A4, A4 to A5 and A4 to B5
Copy functions & enhancements	Document Copying, Photo Copying, Disc Label Copy, Borderless copy, 2-sided copy, 2-on-1 and 4-on-1 copy, Frame erase copy, Adjust quality (High, Standard, Fast)

INTERFACE	
Display Type & Size	7.5cm screen with Intelligent Touch System & Quick Operation
Display Languages	23 selectable languages : English, German, French, Italian, Spanish, Dutch, Portuguese, Norwegian, Swedish, Danish, Finnish, Russian, Czech, Hungarian, Polish, Slovenian, Turkish, Greek, Japanese, Simplified Chinese, Traditional Chinese, Korean, Indonesian
Interface Type - PC / Mac	Hi-Speed USB (B Port) Wi-Fi: IEEE802.11 b/g/n Wi-Fi Security: WPA-PSK, WPA2-PSK, WEP, Administration password
Interface Type - Non PC	Android devices, iPhone, iPod touch and iPad [10] Apple AirPrint PIXMA Cloud Link Google Cloud Print Memory card reader WLAN PictBridge
Compatible Memory Cards	SD Card, SDHC Card, MultiMedia Card, MultiMedia Card Plus, Memory Stick Duo, Memory Stick PRO Duo, Memory Stick Micro*, RS-MMC*, mini SD Card*, micro SD Card*, mini SDHC Card*, micro SDHC Card*, MMC mobile* *Using recommended adapter - not supplied
Card Direct Print Functions	Browse and print photos, select paper type and size, borderless photo print, print previously scanned PDF documents
Card Direct Print Enhancements	Auto Photo Fix II, Red-eye correction, crop image, adjust quality
SOFTWARE	
Included Software	MP Driver including Scanning Utility My Image Garden CREATIVE PARK PREMIUM access Full HD Movie Print [11] Quick Menu Easy-WebPrint EX (download) [12]
Supported Operating Systems	Windows 7 (32 and 64bit) Windows Vista SP1, SP2 (32 and 64bit) Windows XP SP3 (32bit) Mac OS X 10.5.8 - 10.8
Windows System Requirements	Windows 7: 1GHz or faster CPU, 1GB RAM (32bit) / 2GB RAM (64bit) Windows Vista SP1 or SP2: 1GHz or faster CPU, 512MB RAM Windows XP SP3: 300MHz or faster CPU, 128MB RAM Browser: Internet Explorer 6 or higher CD-ROM Drive Display: 800 x 600 or better
Mac System Requirements	Mac OS X v10.7: Intel Core2Duo (or higher) CPU, 1GB RAM Mac OS X v10.6: Intel CPU, 1GB RAM Mac OS X v10.5.8: Intel CPU, 512MB RAM Browser: Safari 3 or higher CD-ROM Drive Display: XGA 1024 x 768 or better
PHYSICAL FEATURES	
Weight	Approx. 8.0 kg
Dimensions (W x D x H)	455 x 369 x 148mm
Acoustic Noise Levels	Approx. 44.4 dB [13]
Operating Temperature	5-35ºC
Operating Humidity	10-90%RH (no dew condensation)
Power Source	AC 100-240V, 50/60Hz
Power Consumption	Standby: approx. 0.9 W (USB connection to PC, scanning lamp off) Off: approx. 0.3 W Copying: approx. 16 W [14] (USB connection to PC)

Footnotes

[1] Ink droplets can be placed with a minimum pitch of 1/4800 inch
[2] Document print speed on plain paper is measured based on average of ESAT in Office Category Test of ISO/IEC 24734 standard.
[3] Photo print speed is based on default driver setting using ISO/JIS-SCID N2 standard on Canon Photo Paper Plus Glossy II and does not take into account data processing time on host computer.
[4] Some features available in Windows driver only.
[5] Declared yield value in accordance with ISO/IEC 24711 standard. Values obtained by continuous printing.
[6] Declared yield value in accordance with ISO/IEC 29102. Values obtained by continuous printing.
[7] Optical resolution is a measure of maximum hardware sampling resolution based on ISO 14473 standard. When scanning in high resolution, the scan size is restricted (maximum optical resolution for A4 scan is 600dpi).
[8] Colour document scan speed is measured with ISO/IEC 24735 Annex C Test Chart A. Scan speed indicates the time measured between pressing the scan button of the scanner driver and the on-screen status display turns off.
[9] Colour document copy speed is measured based on average of sFCOT and sESAT in Performance Test of ISO/IEC 29183 standard.
[10] Requires connection over Wi-Fi network and installation of free Canon application: EPP for Android and iEPP for iOS. Not available in certain countries or regions.
[11] Full HD Movie Print is available for MOV and MP4 movie files created by select Canon digital cameras and camcorders. Requires installation of software bundled with Canon video or digital camera, from which the movie was captured. MOV files require: ZoomBrowser EX / ImageBrowser (version 6.5 or later), MP4 files require: ImageBrowser EX (version 1.0 or later).
[12] Easy-WebPrint EX requires Internet Explorer 7 or later
[13] When printing ISO/JIS-SCID N2 pattern on 10x15cm Photo Paper Plus Glossy II using default settings.
[14] When copying ISO/JIS-SCID N2 (printed by inkjet printer) on A4 size plain paper using default settings.

Standard disclaimers

#4 All specifications subject to change without notice.
#5 Print speed may vary depending on system configuration, interface, software, document complexity, print mode, page coverage, type of paper used etc.
#6 Ink yield may vary depending on texts/photos printed, applications software used, print mode and type of paper used. For yield information see www.canon-europe.com/ink/yield
#7 Scan speed may vary depending on system configuration, interface, software, scan mode settings and document size etc.
#8 Copy speed may vary depending on document complexity, copy mode, page coverage, type of paper used etc. and does not take into account warming up time.
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#10 Microsoft, Windows and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.
#11 For more information on ChromaLife100+ please visit www.canon-europe.com/chromalife100